



04-07-05

007 Rec'd PCT/PTO 05 APR 2005

#4

Docket No.: 57734(11259)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Lawrence G. Lum et al.

Application No.: 10/520,431

Confirmation No.: Not Yet Assigned

Filed: January 5, 2005

Art Unit: N/A

For: TARGETING AND TRACKING OF CELLS
TO SPECIFIC ORGANS AND TISSUES IN
VIVO

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the U.S. filing date (37 CFR 1.97(b)(1)).

A copy of each reference on the PTO/SB/08 is attached, except for a copy of the U.S. Patent, which is not required.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be

an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 57734(11259). A duplicate copy of this paper is enclosed.

Dated: April 5, 2005

Respectfully submitted,

By 

Marla L. Tocker, Esq.

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PTO/SB/21 (09-04)

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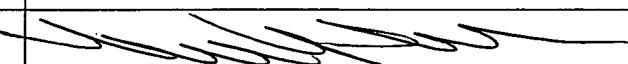
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|--|--------|------------------------|------------------|
| | | Application Number | 10/520,431 |
| | | Filing Date | January 5, 2005 |
| | | First Named Inventor | Lawrence G. Lum |
| | | Art Unit | N/A |
| | | Examiner Name | Not Yet Assigned |
| Total Number of Pages in This Submission | insert | Attorney Docket Number | 57734(11259) |

ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
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| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

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|--------------|--|----------|--------|
| Firm Name | EDWARDS & ANGELL, LLP | | |
| Signature |  | | |
| Printed name | Marla L. Tocker, Esq. | | |
| Date | April 5, 2005 | Reg. No. | 54,493 |



Rec'd PTO 05 APR 2005

Application No. (if known): 10/520,431

Attorney Docket No.: 57734(11259)

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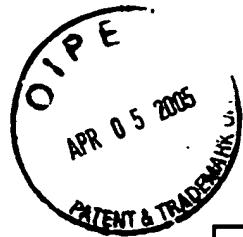
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | 10/520,431 |
| | | | | Filing Date | January 5, 2005 |
| | | | | First Named Inventor | Lawrence G. Lum |
| | | | | Art Unit | N/A |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 1 | Attorney Docket Number | |
| 57734(11259) | | | | | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | MM-DD-YYYY | | |
| | | 6,010,902 | 1-4-2000 | Ledbetter et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | WO 03/091398 A2 | 11-6-2003 | Roger Williams Hospital | | |
| | | WO 03/090513 A2 | 11-6-2003 | Roger Williams Hospital | | |
| | | WO 03/015705 A2 | 2-27-2003 | Roger Williams Hospital | | |

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| NON PATENT LITERATURE DOCUMENTS | | |
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| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
| | | SEN, M. et al., "Cutting Edge Communication: Use of antiCD3+anti-HER2 bispecific antibody for Redirecting Cytotoxicity of Activated T Cells Toward HER2/neu+Tumors," Journal of Hematology. 2001, Vol. 10, No. 2, pages 247-260. |
| | | TREVOR, K. et al., "Bispecific Antibody Reactivation of Gene-Transduced T Cell: Implications for Cancer Immunotherapy and Gene Therapy," Tumor Targeting. 2000, Vol. 4, No. 4, Pages 245-256. |

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